Title (en)
IMAGE DISPLAY

Title (de)
BILDANZEIGEVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFICHAGE D'IMAGE

Publication
EP 1659788 A1 20060524 (EN)

Application
EP 04735652 A 20040601

Priority
- JP 2004007891 W 20040601
- JP 2003199253 A 20030718

Abstract (en)

An image display device which has a display element that optically modulates an incident light for displaying an image. A lamp is a light source of the incident light to the display element. A lamp driver drives the lamp. A lamp power level calculator calculates a driving power level of the lamp corresponding to a level of an input video signal. A lamp temperature controller controls a lamp temperature depending on changes in the input signal from the lamp power level calculator so as to change the lamp temperature within a predetermined range in response to fluctuations of the input video signal. This image display device can further include a projection lens for projecting and displaying images formed in the display element on a screen.

IPC 1-7
H04N 5/74

IPC 8 full level
H04N 5/74 (2006.01); **H05B 37/02** (2006.01); **H05B 41/36** (2006.01); **H05B 41/39** (2006.01)

CPC (source: EP US)
G03B 21/16 (2013.01 - EP US); **G09G 3/3406** (2013.01 - EP US); **H04N 5/7416** (2013.01 - US); **H04N 9/31** (2013.01 - US); **H04N 9/3144** (2013.01 - EP); **H04N 9/3155** (2013.01 - EP US); **H05B 41/2928** (2013.01 - EP US); **H05B 41/36** (2013.01 - EP US); **H05B 41/39** (2013.01 - EP US); **H05B 47/18** (2020.01 - EP US); G09G 2320/0646 (2013.01 - EP US)

Cited by
EP1859623A4; WO2006088965A2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
US 2005242741 A1 20051103; **US 7088058 B2 20060808**; CN 1698360 A 20051116; CN 1698360 B 20100818; EP 1659788 A1 20060524; EP 1659788 A4 20090701; JP 4003796 B2 20071107; JP WO2005009035 A1 20060907; WO 2005009035 A1 20050127

DOCDB simple family (application)
US 52033405 A 20050105; CN 200480000650 A 20040601; EP 04735652 A 20040601; JP 2004007891 W 20040601; JP 2005510518 A 20040601